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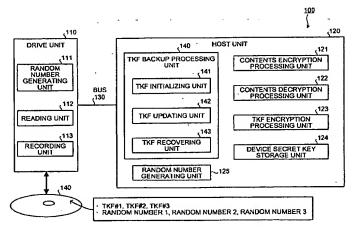
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(54) Title: APPARATUS, METHOD, AND PROGRAM PRODUCT FOR RECORDING AND REPRODUCING CONTENTS



(57) Abstract: A contents recording and reproducing apparatus performs a record and a reproduce of a recording medium, the recording medium store a title key file registering therein at least one title key which encrypts each of plural title contents corresponding to a program video or sound, and title contents encrypted by the title key. The contents recording and reproducing apparatus includes an TKF initializing unit which generates a title key file and records it in the recording medium, a random number generating unit which generates a random number corresponding to each of the plural title key files, and a recording unit which records a plurality of title key files in a DVD meduim. The TKF initializing unit registers the random number, the TKF random number corresponding to the title key file, and an encryption title key.

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